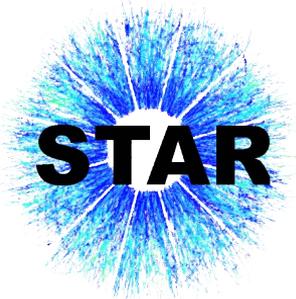




# STAR Status Update Time meeting

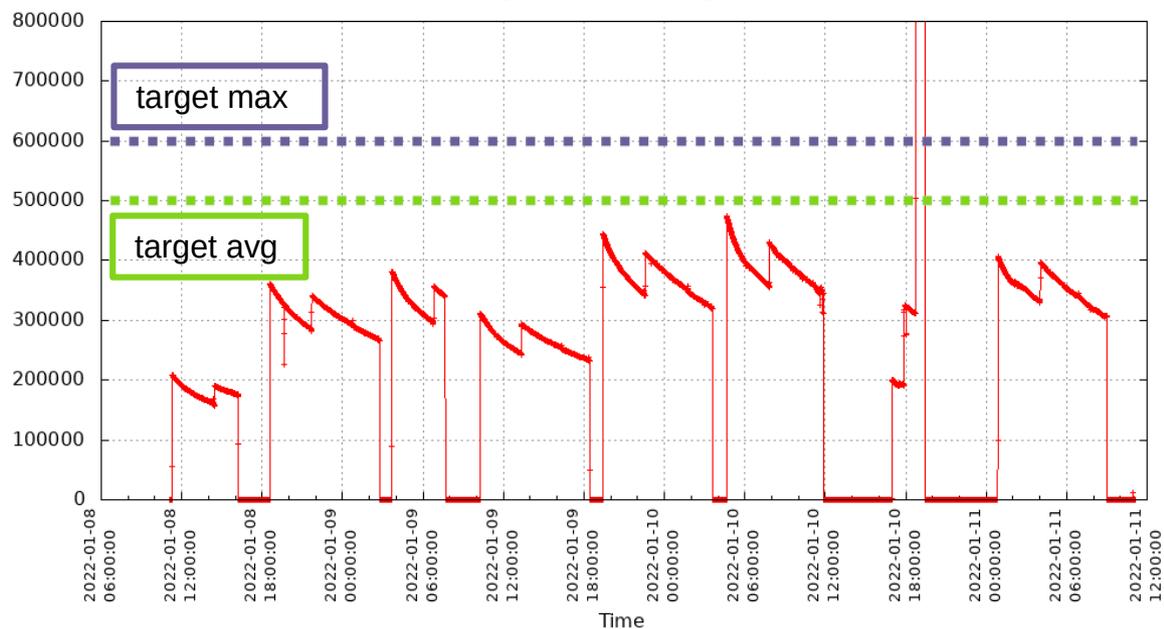
Isaac Upsal  
01/011/22



# STAR

- Delivered luminosity is still short of Run 17
  - High luminosity is a challenge for the many new detectors. We're learning how these work in this environment.
  - To increase our capacity for data collection in high luminosities trigger rates are being adjusted.
  - If possible we would like  $2 \beta^*$  squeezes/fill

Recent 'ZDC and (no killer bit)' rate compared target values

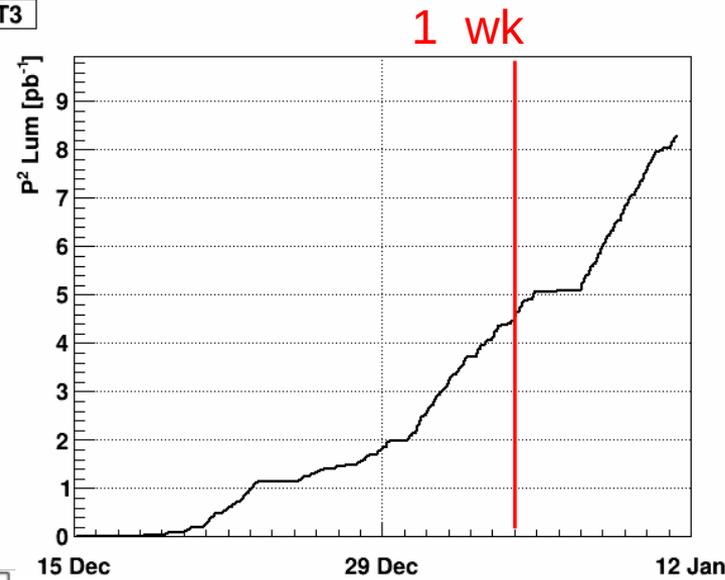




# Collected triggers

- Depicted: sampled luminosity \* polarization<sup>2</sup> (from BHT3, an unpre-scaled trigger)
- Top plot shows this on its own, bottom plot shows the projection relative to the goals
- BUR request was 120 pb<sup>-1</sup>

BHT3



BHT3

